

REMARKS

Applicants thank the Examiner for granting a telephonic interview to the Applicants' representative on October 18, 2004.

Applicants thank the Examiner for indicating that claims 35-38 are allowed. Claims 14-34 and 39-44 are currently pending in this application. Claim 44 is added by this Amendment. Selected claims are amended to expedite prosecution and further define the invention. No claims are cancelled. In view of the foregoing amendments and following comments, reconsideration and allowance of all the rejected claims are respectfully requested.

REJECTIONS UNDER 35 U.S.C. §102

Claims 14-18, 20-32, 34, and 39-43 remain rejected under 35 U.S.C. §102(e) as allegedly being anticipated by Popp, et al. (USP 6,249,291). Applicants respectfully traverse this rejection on the following basis.

Claim 14 recites, among other things, unique namespace designations that identify relationships between the separate instances of the control mechanism including relationships between the separate instances of the control mechanism that occur on a same page. Claims 21 and 28 include the recitation of unique namespace designations that identify relationships between the one or more instances of the at least one component including relationships between the one or more instances of the at least one component that occur on a same page, among other things. In an exemplary embodiment, a name space designation may illustrate relationships of controls in a hierarchy of controls (see the Specification at page 37, line 14, and FIGS. 5A and 5B). An instance of a control that is the child of another instance of another control may have a

name space designation that includes its parent's name space designation (see the Specification at page 37, lines 15 and 16).

Popp seems to disclose a class of controls, referred to as the scriptedControl class, that may manage a page (see Popp at col. 18, lines 62-65). A scriptedControl object may own a script, an association, and a template that define a page or a portion of a page by generating an object tree, such as the object tree illustrated in FIG. 6B (see Popp at col. 18, line 66-col. 19, line 11). While Popp discloses that the object tree may be generated dynamically (see Popp at col. 19, lines 15 and 16), Popp does not disclose that unique name space designations are generated for the objects in the object tree that identify relationships between the objects. Therefore, Popp is deficient at least for not teaching or suggesting unique namespace designations that identify relationships between the separate instances of the control mechanism including relationships between the separate instances of the control mechanism that occur on a same page.

Since Popp et al. fails to teach or suggest the invention claimed in independent claims 14, 21, 28 and their corresponding dependent claims 15-18, 20, 22-27, 29-32, and 34, these claims clearly are not anticipated by Popp et al. For the foregoing reason, reconsideration and allowance of these rejected claims are requested.

Regarding independent claim 39, this claim recites the feature of dynamically generating unique name space designations for instances of the control mechanism at run-time, *based on a position of the instances of the control mechanism within the GUI*, among other things. In an exemplary embodiment illustrated by FIG. 5, a container positioned as the first element in a page may correspond to a unique namespace designation that includes the unique namespace

designation of the page followed by a “1”, to denote that it is the first element in the page (see the Specification at page 37, lines 20-23).

The Examiner alleges that Popp teaches that control mechanisms within a GUI may be chosen to be dynamically created and placed into groups based on their position/order (see the Office Action at page 9, lines 15-18). For support, the Examiner relies on portions of Popp that are apparently drawn to internal applications and/or templates that may be generated dynamically and may include control mechanisms that are grouped together (see Popp at col. 8, lines 38-62, and col. 9, line 64-col. 10, line 11). Even if the Examiner’s allegations are accepted regarding the teachings of Popp with respect to dynamically creating control mechanisms, and grouping the dynamically created control mechanisms, placing a dynamically generated control mechanism in a group does not correlate to generating a unique namespace for the control mechanism based on the position of the control mechanism within a GUI. Therefore, Popp is deficient at least for failing to teach or suggest dynamically generating unique name space designations for instances of the control mechanism at run-time, based on a position of the instances of the control mechanism within the GUI.

Since Popp et al. fails to teach or suggest the invention claimed in independent claim 39 and its corresponding dependent claims 40-43, these claims clearly are not anticipated by Popp et al. For the foregoing reason, reconsideration and allowance of these rejected claims are requested.

REJECTIONS UNDER 35 U.S.C. §103

Claims 19 and 33 remain rejected under 35 U.S.C. §103(a) as allegedly being unpatentable over Popp, et al. Applicants respectfully traverse this rejection on the following basis.

Claim 19 depends from claim 14, and therefore includes the feature of unique namespace designations identify relationships between the separate instances of said control mechanism including relationships between the separate instances of said control mechanism that occur on a same page, among other things. Claim 33 depends from claim 28, and therefore includes the feature of unique namespace designations identify relationships between the one or more instances of the at least one component including relationships between the one or more instances of the at least one component that occur on a same page, among other things. As discussed above, Popp et al. fails to teach or suggest these features. Therefore, claims 19 and 33 are allowable at least by virtue of their dependency from claims 14 and 28, respectively.

NEWLY ADDED CLAIMS

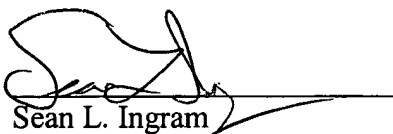
Newly added claim 44 depends from claim 14, and therefore includes the recitation of unique namespace designations identify relationships between the separate instances of said control mechanism including relationships between the separate instances of said control mechanism that occur on a same page, among other things. As discussed above, Popp et al. fails to teach or suggest these features. Therefore, claim 44 is allowable at least by virtue of its dependency from claim 14.

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Reply and Amendment under 37 CFR § 1.111

If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at the number provided.

Dated: October 22, 2004

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Sean L. Ingram', is written over a horizontal line.

Sean L. Ingram
Registration No.: 48,283
PILLSBURY WINTHROP LLP
P.O. Box 10500
McLean, Virginia 22102
703-905-2000

CUSTOMER NO. 00909